

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM D

OMB APPROVAL

OMB Number: 3235-0076

Expires: April 30, 2008

Estimated average burden
hours per response16.00

NOTICE OF SALE OF SECURITIES
PURSUANT TO REGULATION D,
SECTION 4(6), AND/OR
UNIFORM LIMITED OFFERING EXEMPTION

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Name of Offering (Check if this is an amendment and name has changed, and indicate change.) Seri	es I Preferred Stock Financing and ance of Common Stock Warrant
Filing Under (Check box(es) that apply): Rule 504 Rule 505 Rule 506 Section 4(6) Type of Filing: New Filing Amendment	ULOF
A. BASIC IDENTIFICATION DATA	
1. Enter the information requested about the issuer	
Name of Issuer (check if this is an amendment and name has changed, and indicate change.) Alien Technology Corporation	
Address of Executive Offices (Number and Street, City, State, Zip Code) 18220 Butterfield Boulevard, Suite 150, Morgan Hill, CA 95037	Telephone Number (Including Area Code) 408.782.3900
Address of Principal Business Operations (Number and Street, City, State, Zip Code) (if different from Executive Offices)	Telephone Number (Including Area Code)
Brief Description of Business Manufacturer of electronic components	PROCESSED
Type of Business Organization Corporation	ease specify): EMAR 2 1 2007 THOMSON
Actual or Estimated Date of Incorporation or Organization: Month Year	FINANCIAL DE

GENERAL INSTRUCTIONS

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C. 77d(6).

When To File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.

Where To File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.

Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

Information Required: A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

Filing Fee: There is no federal filing fee.

State

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

- ATTENTION -

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predictated on the filing of a federal notice.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

1 of 10

		A. BASIC IDE	NTIFICATION DATA			
Enter the information requi	ested for the fol	llowing:				
Each promoter of the i	ssucr, if the issu	ier has been organized w	ithin the past five years;			
Each beneficial owner h	naving the power	to vote or dispose, or dire	ct the vote or disposition of	, 10% or more of a	a class	of equity securities of the issuer.
Each executive officer	and director of	corporate issuers and of c	corporate general and mana	aging partners of	partnei	ship issuers; and
 Each general and man 	aging partner o	of partnership issuers.				
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, if ind Perry, Mark	ividual)					
Business or Residence Address (c/o New Enterprise Associa						
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, if in Baruch, Tom	dividual)					
Business or Residence Address (c/o CMEA Ventures, One E				1111		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, if in Hartz, C. Scott	dividual)					
Business or Residence Address (c/o Alien Technology Corpo				95037		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, if in Martin, Bob L.	dividual)					
Business or Residence Address (c/o MCON Management Le						
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, if in Terk, Benjamin	dividual)					
Business or Residence Address (c/o Rho Management Comp				NY 10019		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	□ Director		General and/or Managing Partner
Full Name (Last name first, if ine Ehrhart, Ken	dividual)					
Business or Residence Address (c/o Sunbridge Partners Tec	Number and St hnology Fun	reet, City, State, Zip Coold AH, 228 Hamilton	de) Avenue, 3 rd Floor, Pa	alo Alto, CA 9	4301	
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, if ine	dividual)					
Business or Residence Address (18220 Butterfield Boulevar			de)			

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Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	□ Director		General and/or Managing Partner
Full Name (Last name first, it Zitzner, Duane	f individual)				,	
Business or Residence Addr c/o Alien Technology Co				A 95037		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, Eulau, Robert	if individual)					· •···
Business or Residence Addr c/o Alien Technology C	,	• • • • • • • • • • • • • • • • • • • •	-	A 95037		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, Advanced Equities Ven						
Business or Residence Addr 311 S. Wacker, Suite 16		•	de)			
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, Smith, John S.	if individual)					
Business or Residence Addr c/o Alien Technology Co				A 95037		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first, Everhart, George	if individual)					
Business or Residence Addr c/o Alien Technology Co				A 95037		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first,	if individual)					
Business or Residence Addr	ess (Number and	Street, City, State, Zip Co	de)			
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first,	if individual)					
Business or Residence Addr	ess (Number and	Street, City, State, Zip Co	de)			
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director		General and/or Managing Partner
Full Name (Last name first,	if individual)					
Business or Residence Addr	ess (Number and	Street, City, State, Zip Co	de)			

					В	INFORMA	ATION AB	OUT OFFE	RING				
		,				11 4	414. 1 1					Yes	No ⊠
1.	Has th	e issuer sol	ld, or does ti			ell, to non-acc				****************		📙	
2	What	a tha minir	num invoctr			appendix, Co epted from a	•	-				\$ 0.00	
2.	wnati	is the minii	num mvesti	nem mai v	viii be acc	epted from a	iy marvidu	11 (Yes	No
3.	Does t	he offering	permit join	t ownersh:	ip of a sing	gle unit?		··				. 🛛	
4.	Enter the information requested for each person who has been or will be paid or given, directly or indirectly, an												
	commission or similar remuneration for solicitation of purchasers in connection with sales of securities in the offering If a person to be listed is an associated person or agent of a broker or dealer registered with the SEC and/or with a state or states, list the name of the broker or dealer. If more than five (5) persons to be listed are associated persons of suc												
	or states, list the name of the broker or dealer. If more than five (5) persons to be listed are associated persons of suc a broker or dealer, you may set forth the information for that broker or dealer only.									ons of such			
a broker or dealer, you may set form the information for that broker or dealer only. Full Name (Last name first, if individual)													
		Equities		r 1	1.04 4.0	C. C	. C. J.)						
			e Address (N I te 1650, C			lity, State, Zi	p Code)				•		
			roker or De										
Stat	es in W	hich Person	n Listed Has	s Solicited	or Intends	to Solicit Pu	ırchasers						
			ates" or che									🖂	All States
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	J				L				_				
Full	Name ((Last name	first, if indi	ividual)									
Rus	iness or	Residence	Address (N	lumber and	d Street. C	ity, State, Zi	n Code)						
						,, 5.2.0, 5.,							
Nar	ne of As	ssociated B	roker or De	aler									
Stat	es in W	hich Persoi	n Listed Has	Solicited	or Intends	to Solicit Pu	ırchasers						
			ates" or che										All States
	AL 		$\bigcap^{\Lambda Z}$	AR	CA	\Box^{co}	CT	DE	DC	FL FL	GA	П	
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	RI	sc	SD	TN	TX	UT	VT		₩^	₩v	WI	WY	PR
Full	Name ((Last name	first, if indi	vidual)									
Rus	iness or	Residence	Address (N	lumber and	l Street C	ity, State, Zij	n Code)						
						, 5.2.0, 5.1	, (000)						
Nar	ne of As	ssociated B	roker or De	aler									
Stat						to Solicit Pu	ırchasers						
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(Use blank sheet, or copy and use additional copies of this sheet, as necessary.)

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

1.	Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if the answer is "none" or "zero." If the transaction is an exchange offering, check this box \(\subseteq \) and indicate in the columns below the amounts of the securities offered for exchange and already exchanged.			
	Type of Security	Aggregate Offering Price	A	Amount Already Sold
	Debt\$	0.00	\$	0.00
	Equity\$	50,000,000.00	\$ 2	28,470,056.00
	Common Preferred		_	
	Convertible Securities (including warrants)\$	93,750,000.00	\$_	0.00
	Partnership Interests\$	0.00	\$_	0.00
	Other (Specify)\$	0.00	\$_	0.00
	Total\$ _		\$ 2	28,470,056.00
	Answer also in Appendix, Column 3, if filing under ULOE.			
2.	Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."		•	Aggregate Dollar Amount of Purchases
	Accredited Investors	99	\$	28,470,056.00
	Non-accredited Investors	0	\$	0.00
	Total (for filings under Rule 504 only)	N/A	\$	N/A
3.	If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C — Question 1.	Type of		Dollar Amount
	Type of Offering	Security		Sold
	Rule 505	-	\$	
	Regulation A	N/A	\$	0.00
	•••	N/A	\$	0.00
	Total		\$	0.00
4	a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the insurer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.			
	Transfer Agent's Fees		\$_	0.00
	Printing and Engraving Costs		\$_	0.00
	Legal Fees	🖂	\$_	300,000.00
	Accounting Fees		\$_	0.00
	Engineering Fees		\$_	0.00
	Sales Commissions (specify finders' fees separately)		\$_	194,823.98
	Other Expenses (identify)		\$_	0.00
	Total	🔀	\$_	494,823.98

b. Enter the difference between the aggrand total expenses furnished in response to	regate offering price given in response to Part C –	0			
proceeds to the issuer."	Part C — Question 4.a. This difference is the "a	djusted gross		s 143,25	55,176.02
each of the purposes shown. If the amocheck the box to the left of the estimate.	The total of the payments listed must equal the a	estimate and			
		Dire	ctors, &	•	ments to Others
Salaries and fees		🗆 \$	0.00	□ s	0.0
Purchase of real estate		🗆 s	0.00	□ s	0.0
		s	0.00	□ s	0.0
				□ s	0.0
offering that may be used in exchange i	for the assets or securities of another	_			
					0.0
• •					0.0
	No.	🗆 s	0.00	□ s	0.0
Column Totals		🗆 \$	0.00	⊠ \$ <u>143</u>	,255,176.0
Total Payments Listed (column totals a	dded)	S	143	3,255,176	.02
	D. FEDERAL SIGNATURE				
ature constitutes an undertaking by the is	ssuer to furnish to the U.S. Securities and Excha	nge Commission, up	pon writter	n request	of its staff
	Signature Oal C	Date March	12,2007		
	Title of Signer (Print or Type) Secretary				
	ATTENTION			<u>.</u>	
	Salaries and fees	check the box to the left of the estimate. The total of the payments listed must equal the a proceeds to the issuer set forth in response to Part C — Question 4.b above. Salaries and fees	Pay O Dire Aff Salaries and fees	check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C — Question 4.b above. Payments to Officers, Directors, & Affiliates Salaries and fees	check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C — Question 4.b above. Payments to Officers, & Payments to Officers, & Payments to Officers, & Payments to Officers, & Payments and fees \$ 0.00 \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ \$ 0.00 \$ \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$ \$ \$ 0.00 \$ \$

	E. STATE SIGNATURE 1. Is any party described in 17 CFR 230.262 presently subject to any of the disqualification yes No provisions of such rule?
ı.	
	See Appendix, Column 5, for state response.
2.	
3.	
4.	limited Offering Exemption (ULOE) of the state in which this notice is filed and understands that the issuer claiming the availability
	Print or Type) Cechnology Corporation Signature Authority Communication Signature Authority Communication Date March 12, 2007

Title (Print or Type)

Secretary

Instruction:

Name (Print or Type)

David Aaron

Print the name and title of the signing representative under his signature for the state portion of this form. One copy of every notice on Form D must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

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APPENDIX

<u></u>				1					
1		2	3	4					5
			Type of security and	g price					alificati inder
		d to sell	aggregate offering price						ULOE
		accredited	offered in state (Part C-		Type of inve		ı		, attach nation
		rs in State 3-Item 1)	Item 1)		amount purchased in State (Part C-Item 2)				
	(Fait i	5-1(Cill 1 <i>)</i>							
									d) (Part em 1)
				Number of Accredited		Number of Non- Accredited			
State	Yes	No		Investors	Amount	Investors	Amount	Yes	No
AL									
AK									
AZ		X	Series I Preferred Stock \$50,000,000 & Common Warrants \$93,750,000	5	\$212,700.00	0	0.00		Х
AR									
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Series I Preferred Stock		#10.270.152.00	0	0.00		v
CA		X	\$50,000,000 & Common Warrants \$93,750,000	23	\$10,279,152.00	0	0.00		X
		· · · · · ·	Series I Preferred Stock						
co		X	\$50,000,000 & Common	1.	\$241,820.00	0	0.00		X
<u> </u>			Warrants \$93,750,000						
CT									
DE									
			Series I Preferred Stock						
DC		X	\$50,000,000 & Common	1	\$1,720.00	0	0.00		x
			Warrants \$93,750,000						
FL									
GA		х	Series I Preferred Stock \$50,000,000 & Common Warrants \$93,750,000	1	\$201,964.00	0	0.00		х
HI		<u> </u>	, , , , , , , , , , , , , , , , , , ,						
ID						-			
IL		x	Series I Preferred Stock \$50,000,000 & Common Warrants \$93,750,000	30	\$9,770,992.00	0	0.00		х
IN							• 1		
IA		x	Series I Preferred Stock \$50,000,000 & Common Warrants \$93,750,000	2	\$25,796.00	0	0.00		х
KS									
KY									
LA	· · · · · · · · · · · · · · · · · · ·								
ME								ļ	
			Series I Preferred Stock						
MD		X	\$50,000,000 & Common Warrants \$93,750,000	2	\$66,808.00	0	0.00		Х
MA									
		L	<u> </u>	<u> </u>					

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APPENDIX 2 3 4 1 Disqualificati on under Type of security and Intend to sell aggregate offering price State ULOE to non-accredited offered in state (Part C-(if yes, attach Type of investor and explanation investors in State Item 1) amount purchased in State of waiver (Part B-Item 1) (Part C-Item 2) granted) (Part E-Item 1) Number of Number of Non-Accredited Accredited **Investors Investors** Yes No Amount Amount State Yes No Series I Preferred Stock \$50,000,000 & Common \$1,077,104.00 0 0.00 X MI \mathbf{X} Warrants \$93,750,000 Series I Preferred Stock 0.00 X \$50,000,000 & Common 4 \$585,512.00 0 MN X Warrants \$93,750,000 MS MO MT NE NV NH NJ NM Series I Preferred Stock \$50,000,000 & Common \$2,107,388.00 0 0.00 X NY X Warrants \$93,750,000 NC Series I Preferred Stock ND \mathbf{X} \$50,000,000 & Common 3 \$1,363,580.00 0 0.00 X Warrants \$93,750,000 Series I Preferred Stock 0.00\$50,000,000 & Common \$796,664.00 X OH X 0 Warrants \$93,750,000 OK OR Series I Preferred Stock PA X \$50,000,000 & Common \$43,980.00 0 0.00 X Warrants \$93,750,000 RI SC SD

TN TX

				APPENDI	X				
1	Intend to sell to non-accredited investors in State (Part B-Item 1)		Type of security and aggregate offering price offered in state (Part C-Item 1)	Type of investor and amount purchased in State (Part C-Item 2)					5 alificati inder ULOE , attach nation
State	Yes	No		Number of Accredited Investors	Amount	Number of Non- Accredited Investors	Amount		d) (Part em 1)
UT		X	Series I Preferred Stock \$50,000,000 & Common Warrants \$93,750,000	1	\$2,460.00	0	0.00		X
VT									
VA									
WA	-	Х	Series I Preferred Stock \$50,000,000 & Common Warrants \$93,750,000	3	\$90,068.00	0	0.00		
wv									
wı		х	Series I Preferred Stock \$50,000,000 & Common Warrants \$93,750,000	3	\$1,294,792.00	0	0.00		
WY									
PR					-				

^{*}Foreign Investors Total: \$307,556.00

